

Product datasheet for **MR210857**

Ttk (NM_009445) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ttk (NM_009445) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ttk
Synonyms:	AL022661; esk; Esk1; Mps1; PYT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR210857 representing NM_009445
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGCTGAAGAGTTAATTGGCAGCAGTGTGACGATTGATCCATCATGAGCAAAATGAGAGATTA
 AAAATAAGATAAATGAAGACTGTACTGATGAGCTAAGCTTGTCTAAAATCTGTGCCGATCACACGAAAC
 TGTTAACCAAATTATGAGGGTTGGGAACACCCAGAGAACTGGTTGAATTTCTTGCTGAAACTAGAGAAA
 AACAGCTCACCTCTAAATGACGATCTTTTAAATAAGCTGATTGGTCGGTATAGTCAAGCGATTGAAGTAC
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 ACTTATGGGAGGACGCCATTTCCAGCACATCAATCAGTCTCTAACTGCACGCCATAATCAACCCTG
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 GAACCCATAAGAGAGGATATCTATCCCTGAGCTCCTCACACATCCGTATGTTCAAATTCAGCCCCATCCA
 GGCAGCCAAATGGCTAGGGGAGCCACTGATGAAATGAAATATGTGTTGGGTCAACTTGTGGTCTGAATT
 CTCTAACTCCATCTTGAAGACTGCAAAAACTTTGTATGAACGTTATAATTGTGGTGAAGTCAAGATTC
 TTCGTCATCCAAGACTTTTGACAAAAAGAGAGAAAGAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210857 representing NM_009445
Red=Cloning site Green=Tags(s)

MEAEELIGSSVTIDSIMSKMRDIKNKINEDCTDELSKICADHTETVNQIMRVGNTPENWLNFLKLEK
NSSPLNDDLNLKIGRYSQAIEVLPPDKYQNESFARIQVRLAELKAIQEPDDARDYFQMARENCKKFAF
VHVSFAQFELSQGNLKKSEQLLHKAVETGAVPLQMLETAMRNLHLQKKQLLPEEDKKSVSASTVLSAQEP
FSSSLGNVQNRISCESRGQAGAARVLYGENLPPQDAEVRHQNPFKQTHAAKRSCPFGRVPVNLNPDF
YVKTDSSAVTQLTTRKGSQPRDAILPGSRPRGSDSYELRGLKPIQTIYKDSLVSNEKSSELMSDLIAL
KSKTDSSLTKLEETKPEIAERRPMQWQSTRKPECVFQNPAAFAPLRHVPDVTLKADKESPPISVPKWLDP
KSACETPSSSSLDYMKCFKTPVVKNDFFPACPSSTPYSQLARLQQQQQGLSTPLQSLQISGSSSINEC
ISVNGRIYSILKQIDSGGSKVFQVLNEKKQINAIKYVNLEDADSQTIESYRNEIAFLNKLQQHSDKIIR
LYDYEITEQYIYMMECGNIDLNSWLKKKKSINPWERKSYWKNMLEAVHIHQHGIVHSDLKPANFVID
GMLKLIDFGIANMQPDTTSIVKDSQVGTVNYMAPEAIRDMSSSRENSKIRTKVSPRSDVWSLGCILYYM
TYGRTPFQHIINQVSKLHAIINPAHEIEFPEISEKDLRDVLKCLVRNPKERISIPPELLTHPYVQIQPH
GSQMARGATDEMKYVLGQLVGLNSPNSILKTAKTLERYNCGEGQDSSSSKTFDKKREK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_009445.2](#), [NP_033471.2](#)

RefSeq Size: 2904 bp

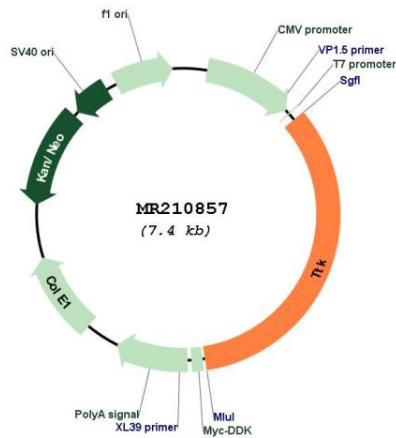
RefSeq ORF: 2493 bp

Locus ID: 22137

Cytogenetics: 9 E2

MW: 94 kDa

Product images:



Circular map for MR210857